

Design Guide

for Improving School Safety
in Earthquakes, Floods, and High Winds

A Acronyms

AASHTO	American Association of State Highway and Transportation Officials
ADA	Americans with Disabilities Act
ARC	American Red Cross
ASCE	American Society of Civil Engineers
ASFPM	Association of State Floodplain Managers
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers
ASTM	American Society for Testing and Materials
ATC	Applied Technology Council
BFE	Base flood elevation
BOCA	Building Officials and Code Administrators International, Inc.
BSSC	Building Seismic Safety Council
BUR	Built-up roof
CBR	Chemical, biological, or radiological
C&C	Components and cladding
CFR	Code of Federal Regulations
CMU	Concrete Masonry Unit

CSSC	California Seismic Safety Commission
DFE	Design flood elevation
EIFS	Exterior insulation finish system
ELF	Equivalent Lateral Force
EPDM	Ethylene propylene diene monomer
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FIS	Flood Insurance Study
FMG	FM Global
FMR	Factory Mutual Research
GIS	Geographic Information System
HazMat	Hazardous Materials
HAZUS-MH	Hazards U.S. Multi-Hazards
HVAC	Heating, ventilation, and air conditioning
IBC	International Building Code
ICBO	International Conference of Building Officials
ICC	International Code Council
ICC PC	International Code Council Performance Code
IT	Information Technology
LCD	Liquid crystal display
LiMWA	Limit of Moderate Wave Action
LPS	Lightning protection system
M/E/P	Mechanical/Electrical/Plumbing
MEPS	Molded expanded polystyrene
MMI	Modified Mercalli Intensity
MWFRS	Main wind-force resisting system
NBC	National Building Code
NEHRP	National Earthquake Hazards Reduction Program
NFPA	National Fire Protection Association
NFIP	National Flood Insurance Program

NIBS	National Institute of Building Sciences
O&M	Operations and Maintenance
OSB	Oriented strand board
PMR	Protected membrane roof
RC	Reinforced concrete
RSP	Rapid Screening Procedure
SBC	Standard Building Code
SBCCI	Southern Building Code Congress International, Inc.
SDC	Seismic Design Category
SEI	Structural Engineering Institute
SFHA	Special flood hazard area
SPF	Sprayed polyurethane foam
SPRI	Single Ply Roofing Industry
TAS	Testing Application Standard
TIA	Telecommunications Industry Association
UBC	Uniform Building Code
UL	Underwriters Laboratories
URM	Unreinforced masonry
USACE	U.S. Army Corps of Engineers
U.S.C.	U.S. Code
USGS	U.S. Geological Survey

